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New College, Chennai	
National College, Tiruchirapalli	
Madurai Kamaraj University, Madurai	
Kamaraj College, Tuticorin	
Centre for Marine Science & Technology, MS University, Nagercoil	
Arumugam Pillai Seethai Ammal College, Tirupattur	
Annamalai University, Parangipettai*	
National Institute of Ocean Technology, Chennai*	
Integrated Coastal and Marine Area Management Project Directorate, Chennai*	
Institute of Ocean Management, Anna University, Chennai	
Indian Institute of Technology, Madras	
Alagappa University, Karaikudi	
National Centre for Medium Range Weather Forecasting, NOIDA*	Uttar Pradesh
Banaras Hindu University, Varanasi	
Bidhan Chandra Krishi Vidyapeeth, Mohanpur, Kolkata	West Bengal
Bose Institute, University of Calcutta, Kolkata	
Central Mechanical Engineering Research Institute, Durgapur	
Indian Institute of Technology, Kharagpur*	
Jadavpur University, Kolkata	
University of Calcutta, Kolkata	
Geological Survey of India, Kolkata	
Sea Explorers Institute, Kolkata	

*-Ocean and Atmospheric Science & Technology Cell of the Ministry of Earth Sciences. #-Autonomous institute or attached office of the Ministry of Earth Sciences.

Proposal for Tsunami Warning Centres

3348. SHRI K.P.K. KUMARAN: Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether Government have received any proposal under its consideration to establish some more Tsunami Warning Centres other , than the ones already selected under Phase-I, namely Chennai, Cuddalore, Nagapattinam, Rameswaram, Tuticorin and Kanyakumari; and

(b) whether Government will take into consideration a new idea of establishing Sub-Centres in between these six Centres since the distance between these Centres is feared to be too large?

THE MINISTER OF EARTH SCIENCES (SHRI KAPIL SIBAL): (a)
No, Sir.

However, the Government is setting up a National Early Warning System for tsunami and storm surges in Indian Ocean with the following components:

*Strengthening of the existing seismological network to indicate, near real time occurrence of tsunamigenic earthquakes;

Installation of tsunami warning sensors close to the ocean bottom at appropriate locales in the Indian Ocean, with real time connectivity;

Tide gauge and data buoys networking to validate arrival of tsunami waves at the coast;

Modeling of the inundation scenarios for the entire coast and mapping of potential risk areas;

Collection of information, analysis and generating status advisories.

A centre is being established at Indian National Centre for Ocean Information Services (INCOIS), Hyderabad for the collection of information, analysis and for dissemination of advisories. This centre is for Indian Ocean Tsunami Warning System and hence, will serve, not only the entire indian coast line including islands but complete Indian Ocean region.

(b) Does not arise.

Food testing laboratories in the country

3349. SHRI AMAR SINGH:

SHRI ABU ASIMAZMI:

Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:

(a) the number of food testing laboratories in the country at present;

(b) whether Government propose to set up more such laboratories and if so, the details thereof, State-wise; and

(c) by when, these laboratories will start functioning?